

Appl. No. 10/605,200
Response dated 09/13/2005
Reply to Office action of 04/13/2005

REMARKS

Claims 1-15 are pending in the application. Claims 1, 6, 10, 11 and 13-15 are rejected. The examiner has acknowledged that claims 2-5, 7-9 and 12 are directed to allowable subject matter.

Applicant respectfully amends claim 11 to more clearly claim a method of the present invention. The amendment is not made in response to any pending rejection. Applicant respectfully submits that claim 11 as originally submitted and amended is not anticipated and is patentable.

Claims 1, 6, 10, 11 and 13-15 are rejected pursuant to 35 U.S.C. 102(e) as being anticipated by Ciglenec et al. 2004/0160858. Applicant respectfully submits that the cited art fails to disclose each claimed element of Applicant's claimed invention, does not anticipate Applicant's claimed invention, and teaches away from Applicant's invention as disclosed and claimed in base claims 1, 10 and 11. Applicant respectfully requests that the rejection be withdrawn and a Notice of Allowance be issued.

Applicant's invention addresses problems associated with prior art devices and methods. Applicant's claimed invention addresses maintaining the integrity of a seal in a seal and piston configuration of a logging tool under high pressures. (See paragraph 27). Applicant in base claims 1, 10 and 11 claims maintaining a pressure at the backside of the piston substantially equal to a pressure outside the logging tool. The invention disclosed and taught by Ciglenec et al. teaches utilizing a **pressure differential** between the backside of the piston and the other side of the piston.

Ciglenec teaches a backside of the piston being in communication with the interior of the well tool and the other side of the piston being in communication with the wellbore (exterior of the logging tool). (See paragraphs 45 -50 and 60 in particular). "During drilling operation, mud flowing through the downhole tool creates an internal pressure P_i . The internal pressure and borehole pressure P_A create a differential pressure." (Par. 46). With further reference to the Ciglenec claims, Ciglenec teaches away from Applicant's claimed invention.

Appl. No. 10/605,200
Response dated 09/13/2005
Reply to Office action of 04/13/2005

Applicant respectfully submits that claims 1-15 are novel and unobvious and in condition for allowance. Applicant respectfully requests that rejections and objections be withdrawn and a Notice of Allowance be issued.

Examiner is invited to contact Applicant's below referenced representative to expedite issuance of a Notice of Allowance.

Respectfully submitted,
WINSTEAD SECHREST & MINICK P.C.

September 13, 2005
DATE

Correspondence Address:
Schlumberger Oilfield Services
200 Gillingham Lane
Sugar Land, TX 77478

Henry J. Ehrlich
Henry J. ("Bud") Ehrlich
Reg. No.: 39,663
Phone No.: 713-650-2778
Fax No.: 713-650-2400

Houston_1 811497v.1